

## **APPENDIX XIII - RESOURCE DEPLETION EVENT GENERATING SYSTEM**

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```
5 public class ResourceDepletionEventGeneratingSysSample
{
    private final static int ID_FOR_APP_SAMPLE = 55; // typically set by the system

    /**
10     * The zero argument constructor demonstrates a possible application example where
    * the application registers to receive error events, logs events, and registers to
    * receive reboot events. The SysSample class contains that code that will generate
    * a sample reboot event.
    */
15 public ResourceDepletionEventGeneratingSysSample()
{
    // Create an error event.
    ResourceDepletionEvent rde = new ResourceDepletionEvent(
20         ResourceDepletionEvent.RESOURCE_OUT_OF_SYS_MEM,
        0,
        "TestReboot");

    // Get the default system event logger.
    EventProcessor ep = EventProcessor.getInstance();
25
    for(int i = 0; i < 5; i++) {

        // Log an error to the default system error handler.
        ep.log(rde);
        rde.setDate(System.currentTimeMillis());
        rde.setTypeCode(rde.getTypeCode() + 1);
        try
        {
30            Thread.sleep(500);
        }
        catch (InterruptedException ie)
        {
        }
    }
40 }
}
```